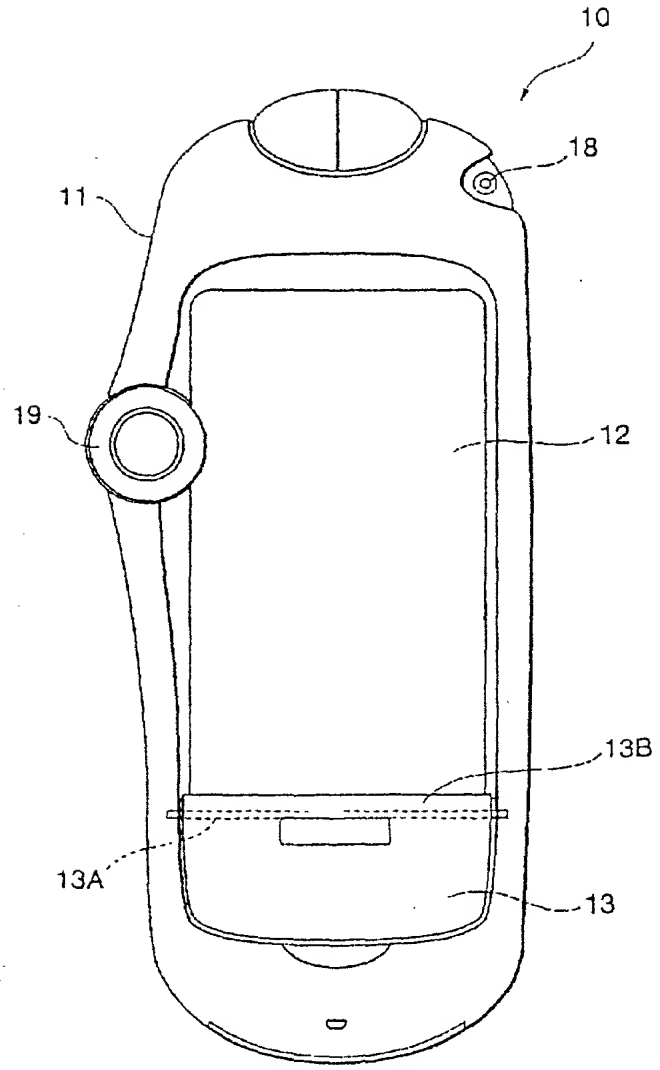

FIG. 1

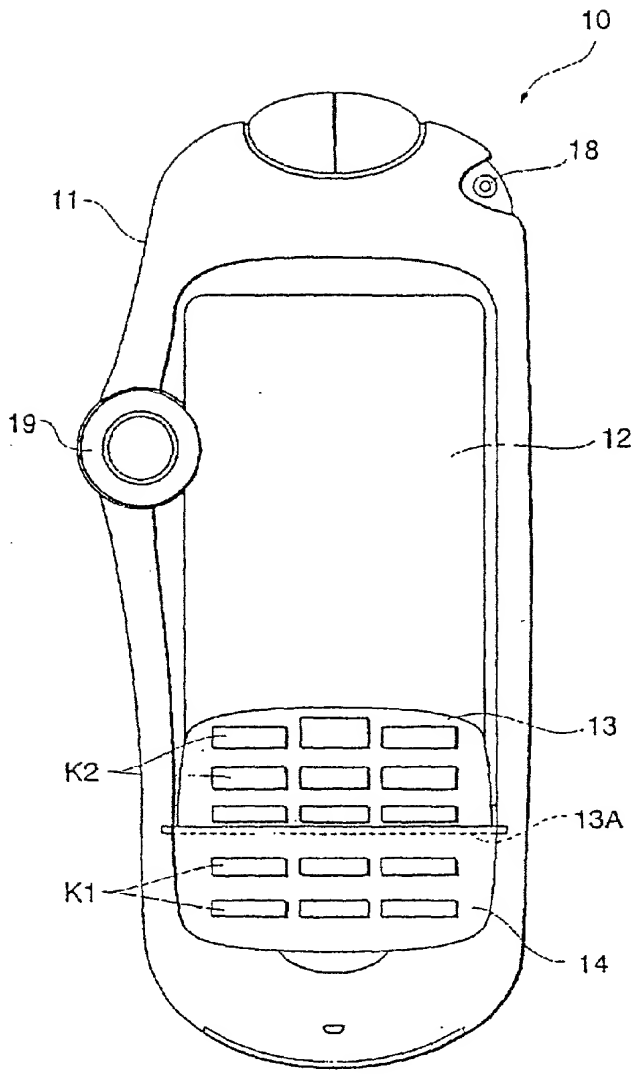

FIG. 2

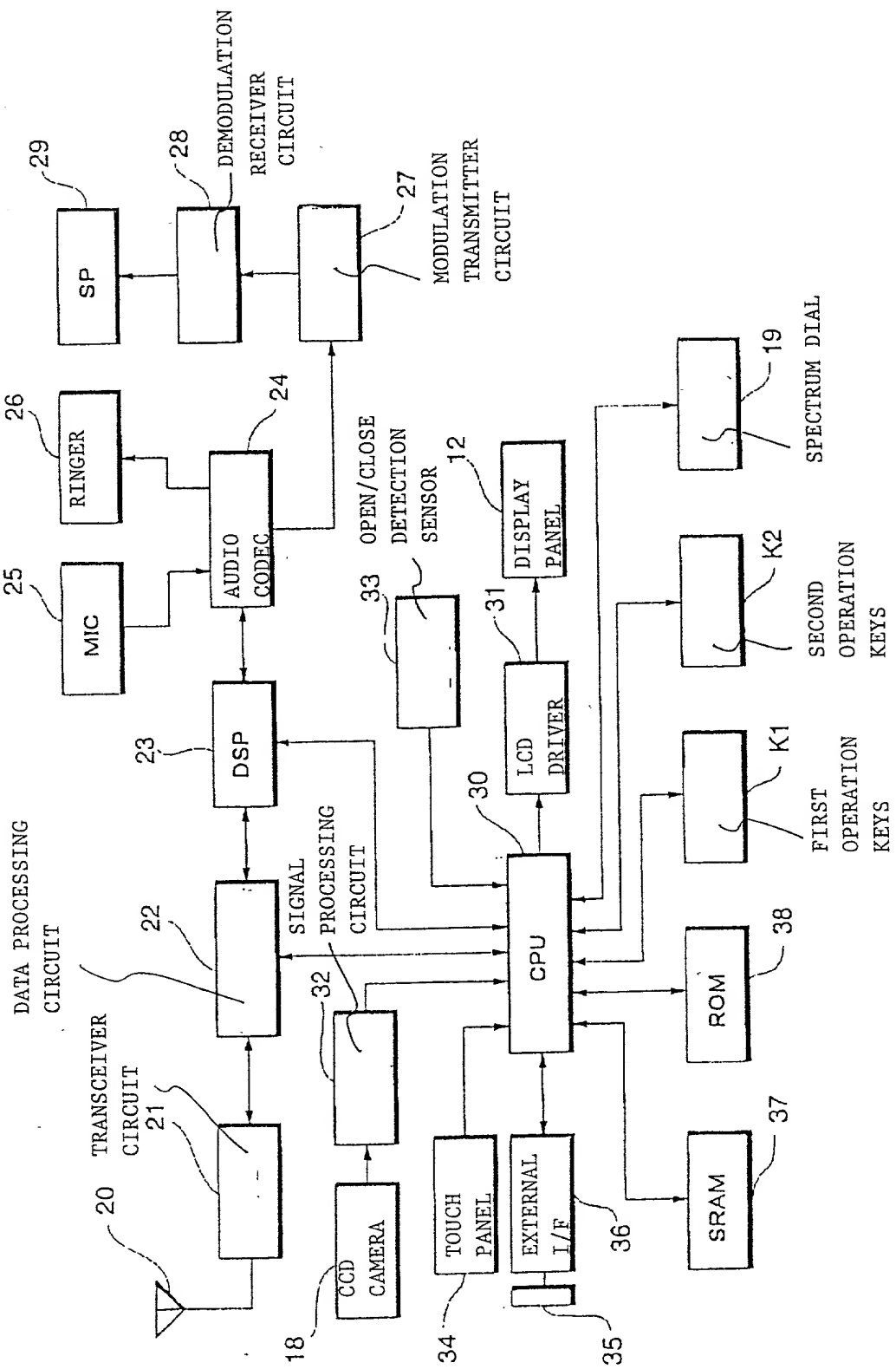
SP
29
28
DEMODULATION RECEIVER CIRCUIT
27
MODULATION TRANSMITTER CIRCUIT
RINGER
26
24
AUDIO CODEC
MIC
25
OPEN/CLOSE DETECTION SENSOR
33
12
DISPLAY PANEL
19
SPECTRUM DIAL
K2
SECOND OPERATION KEYS
31
LCD DRIVER
DSP
23
30
K1
FIRST OPERATION KEYS
DATA PROCESSING CIRCUIT
22
SIGNAL PROCESSING CIRCUIT
CPU
ROM
38
32
TRANSCEIVER CIRCUIT
21
20
CCD CAMERA
18
TOUCH PANEL
34
EXTERNAL I/F
35
36
SRAM
37

FIG. 3

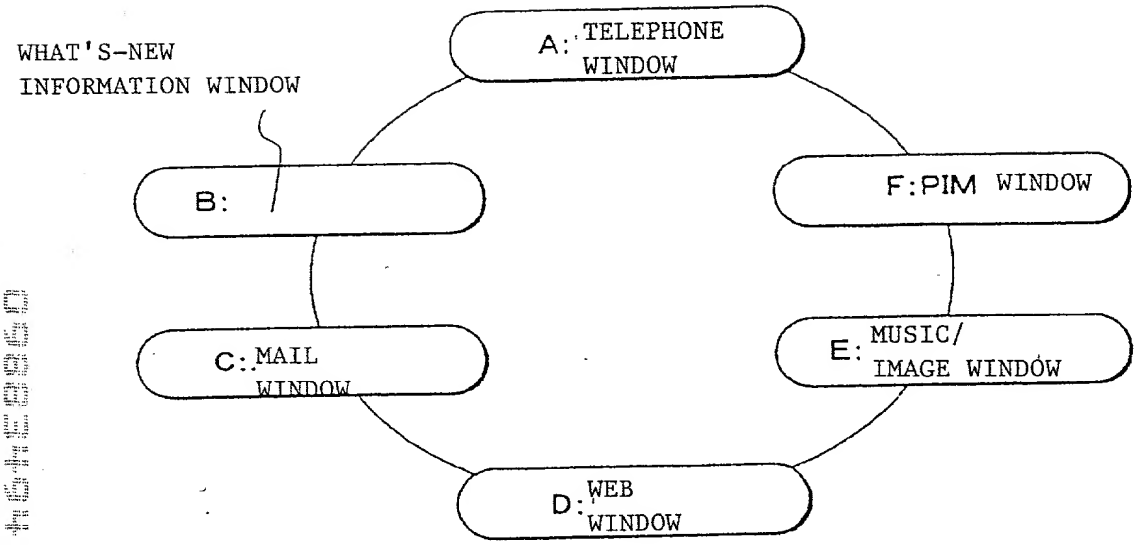
WHAT'S-NEW
INFORMATION WINDOW
A: TELEPHONE WINDOW
B:
F: PIM WINDOW
C: MAIL WINDOW
E: MUSIC/ IMAGE WINDOW
D: WEB WINDOW

FIG. 4

FIG.5A

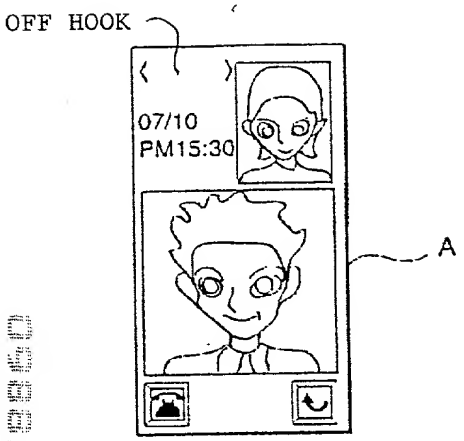

FIG.5B

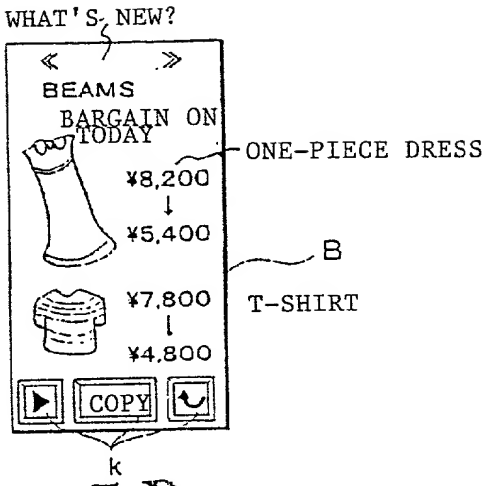

FIG.5C

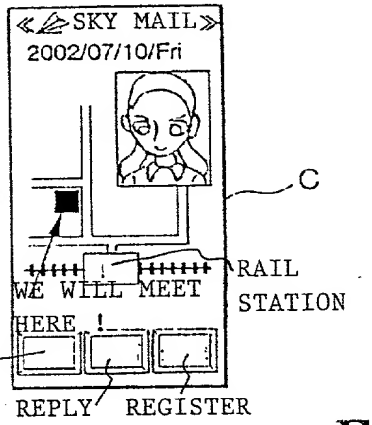

FIG.5D

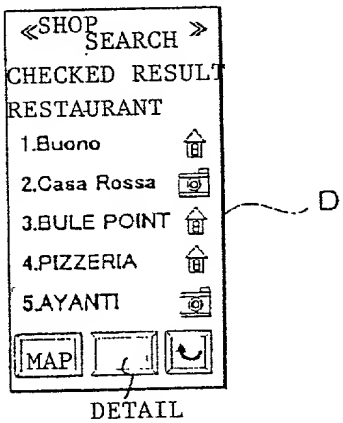

FIG.5E

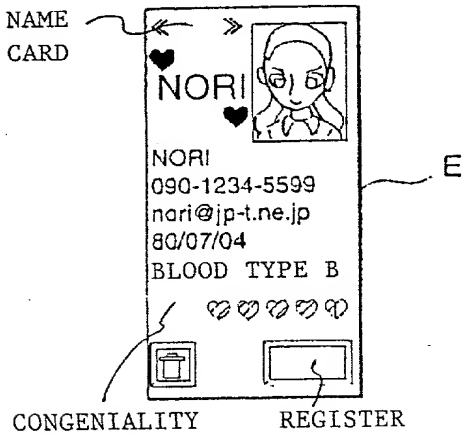

FIG.5F

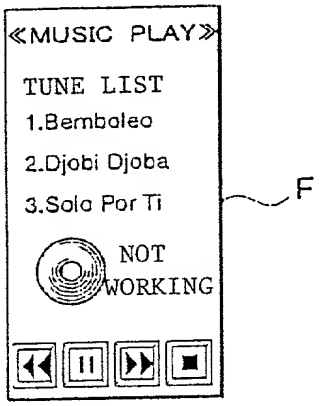

FIG. 6

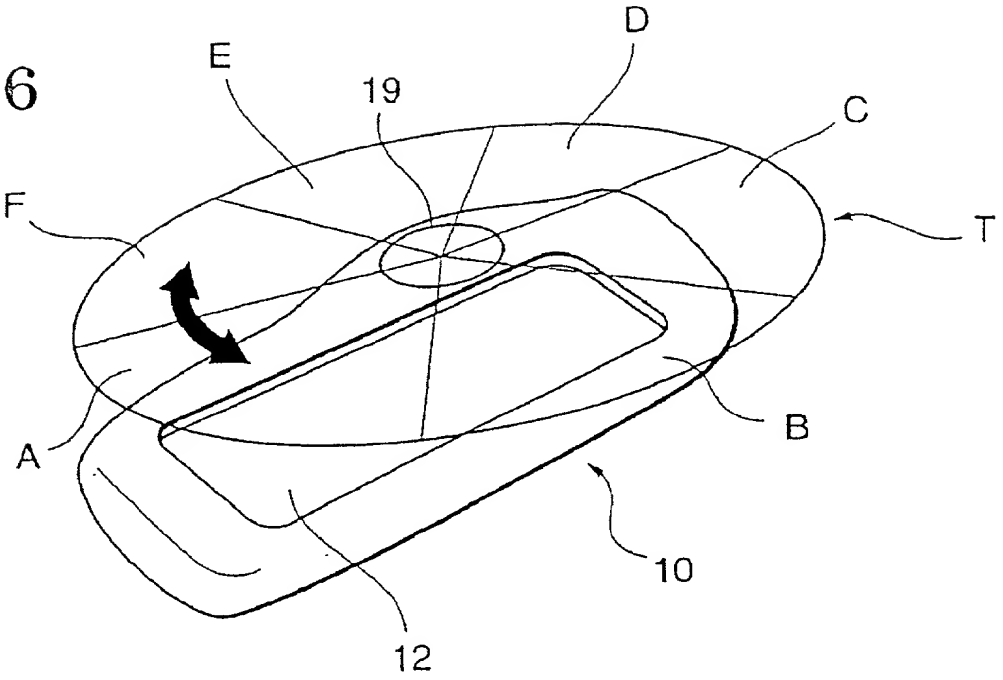

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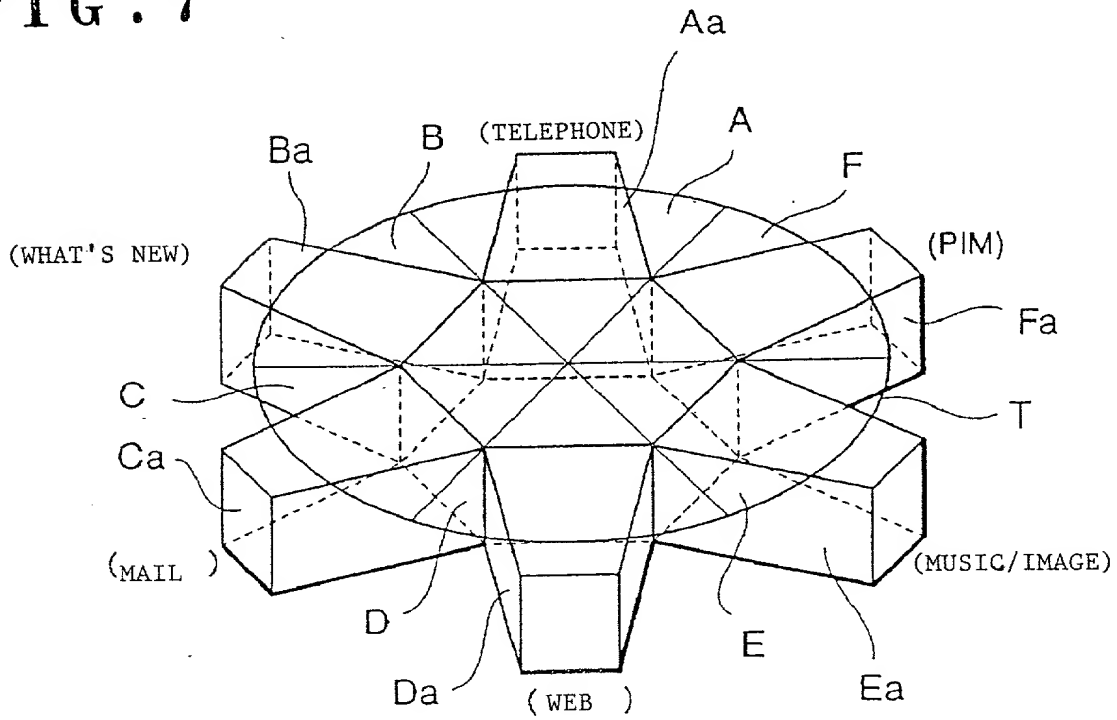
FIG. 7



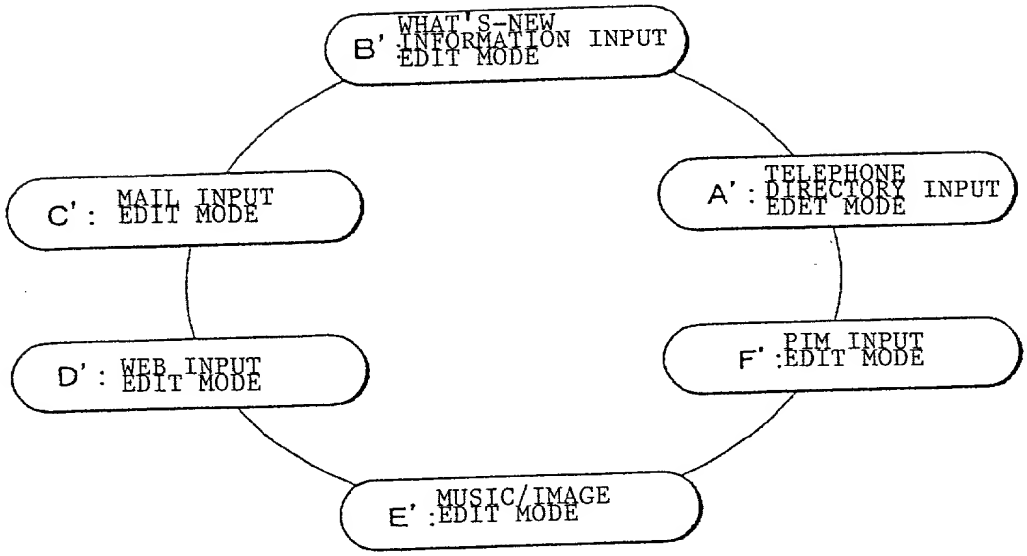

B' WHAT'S-NEW INFORMATION INPUT EDIT MODE
A' : TELEPHONE DIRECTORY INPUT EDET MODE
C' : MAIL INPUT EDIT MODE
D' : WEB INPUT EDIT MODE
F' : PIM INPUT EDIT MODE
E' : MUSIC/IMAGE EDIT MODE

FIG. 8

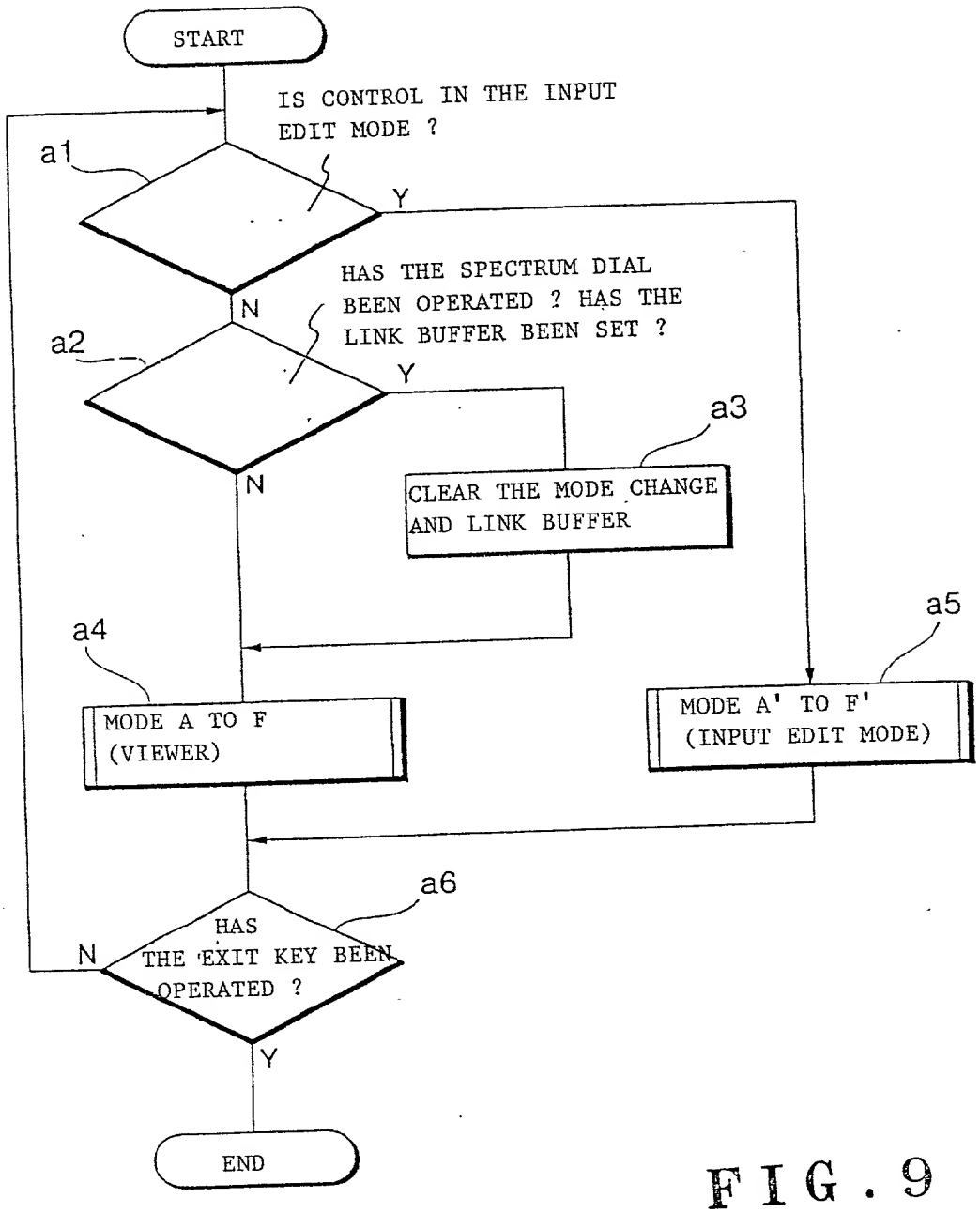

START
IS CONTROL IN THE INPUT EDIT MODE ?
a1
Y
N
HAS THE SPECTRUM DIAL BEEN OPERATED ? HAS THE LINK BUFFER BEEN SET ?
a2
Y
N
a3
CLEAR THE MODE CHANGE AND LINK BUFFER
a4
MODE A TO F (VIEWER)
a5
MODE A' TO F' (INPUT EDIT MODE)
a6
HAS THE EXIT KEY BEEN OPERATED ?
N
Y
END

FIG. 9

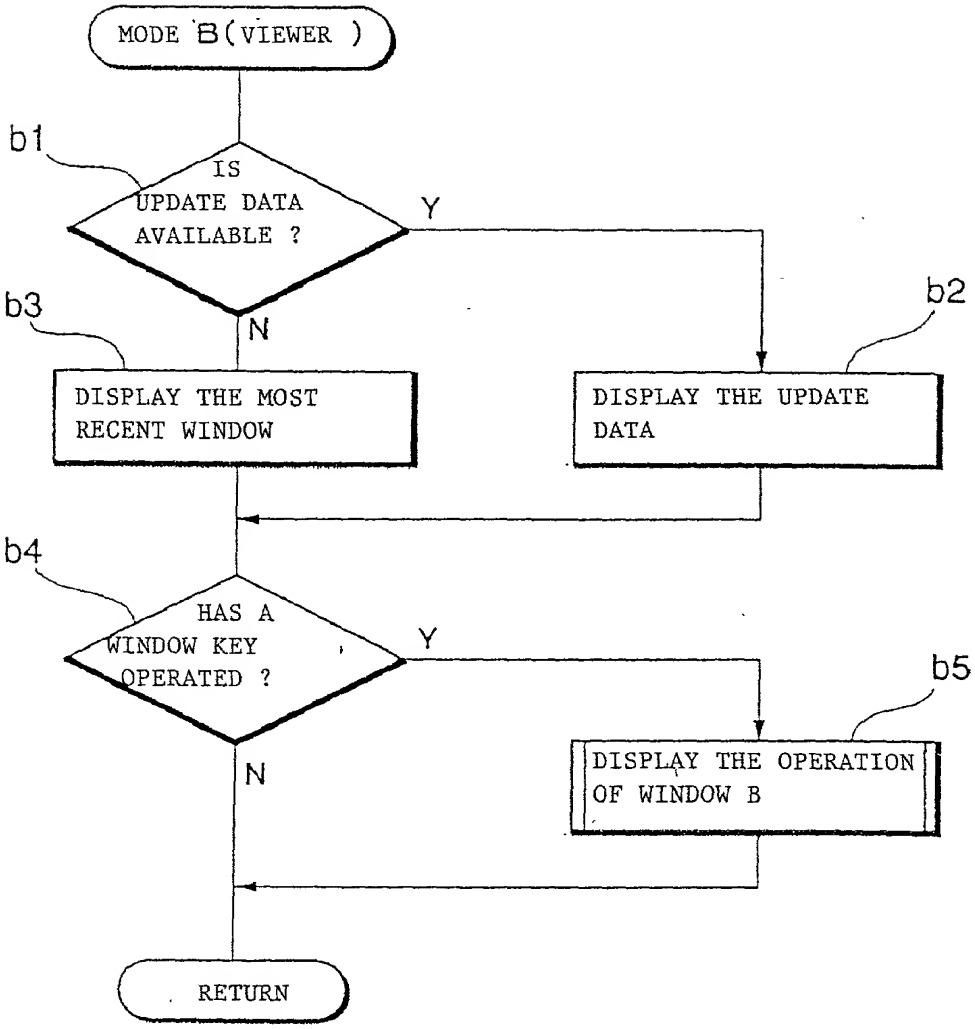

MODE B(VIEWER)
b1
IS UPDATE DATA AVAILABLE ?
Y
N
b3
DISPLAY THE MOST RECENT WINDOW
b2
DISPLAY THE UPDATE DATA
b4
HAS A WINDOW KEY OPERATED ?
Y
N
b5
DISPLAY THE OPERATION OF WINDOW B
RETURN

FIG. 10

EP 1 251 424 A2

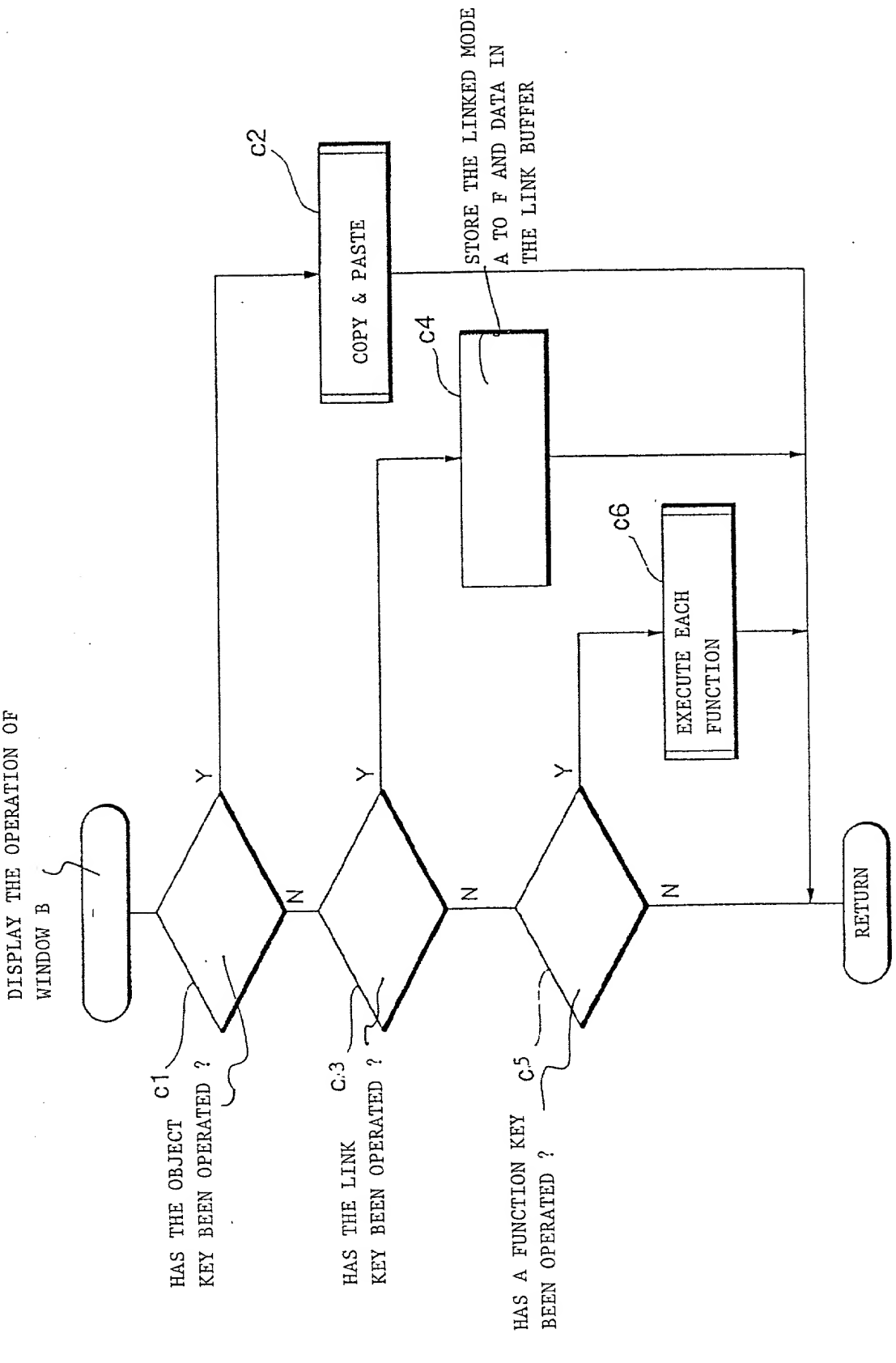


FIG. 11

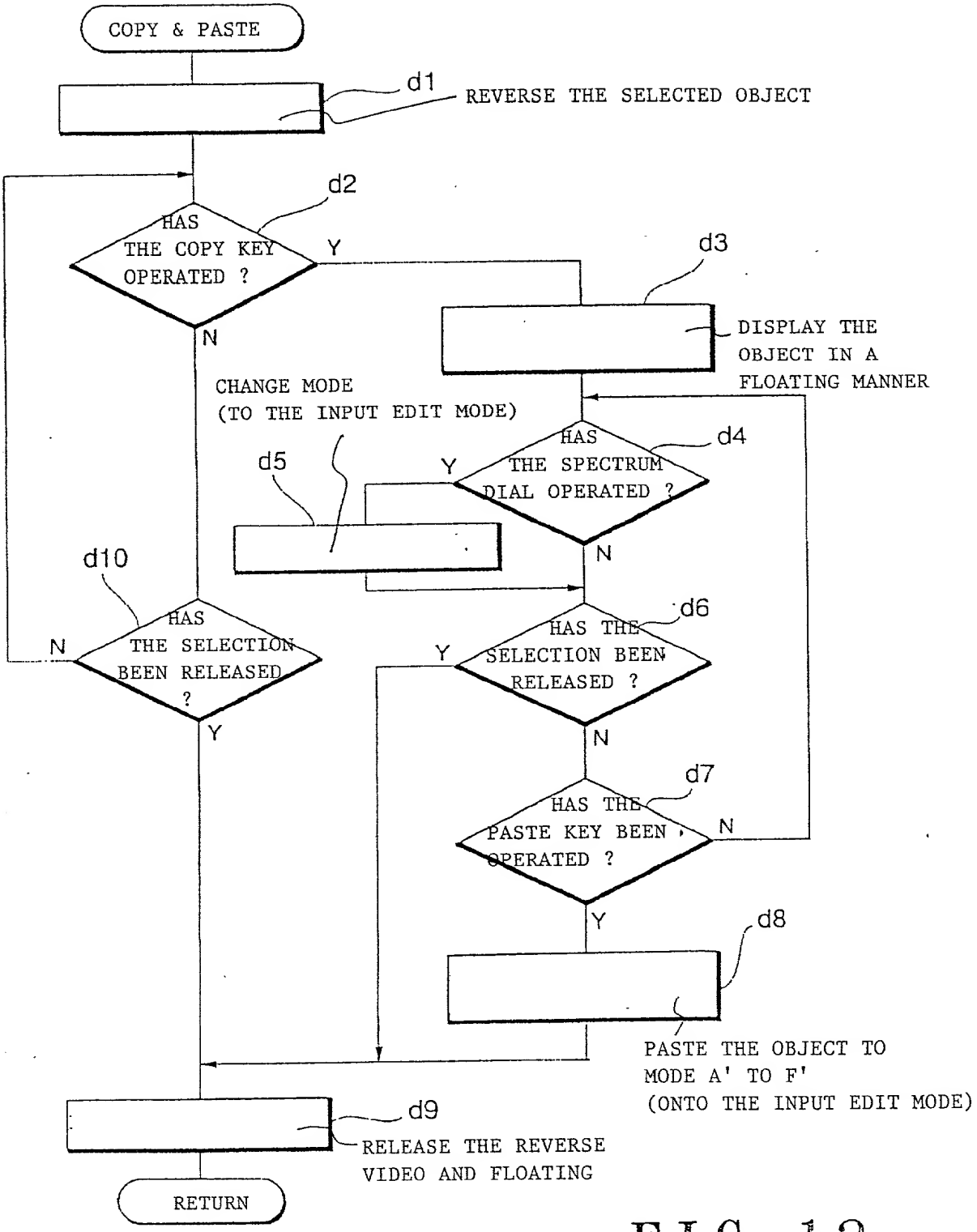

COPY & PASTE
d1
REVERSE THE SELECTED OBJECT
d2
HAS THE COPY KEY OPERATED ?
Y
N
d3
DISPLAY THE OBJECT IN A FLOATING MANNER
CHANGE MODE (TO THE INPUT EDIT MODE)
d4
HAS THE SPECTRUM DIAL OPERATED ?
Y
N
d5
d10
HAS THE SELECTION BEEN RELEASED ?
N
Y
d6
HAS THE SELECTION BEEN RELEASED ?
Y
N
d7
HAS THE PASTE KEY BEEN OPERATED ?
N
Y
d8
PASTE THE OBJECT TO MODE A' TO F' (ONTO THE INPUT EDIT MODE)
d9
RELEASE THE REVERSE VIDEO AND FLOATING
RETURN

FIG. 12

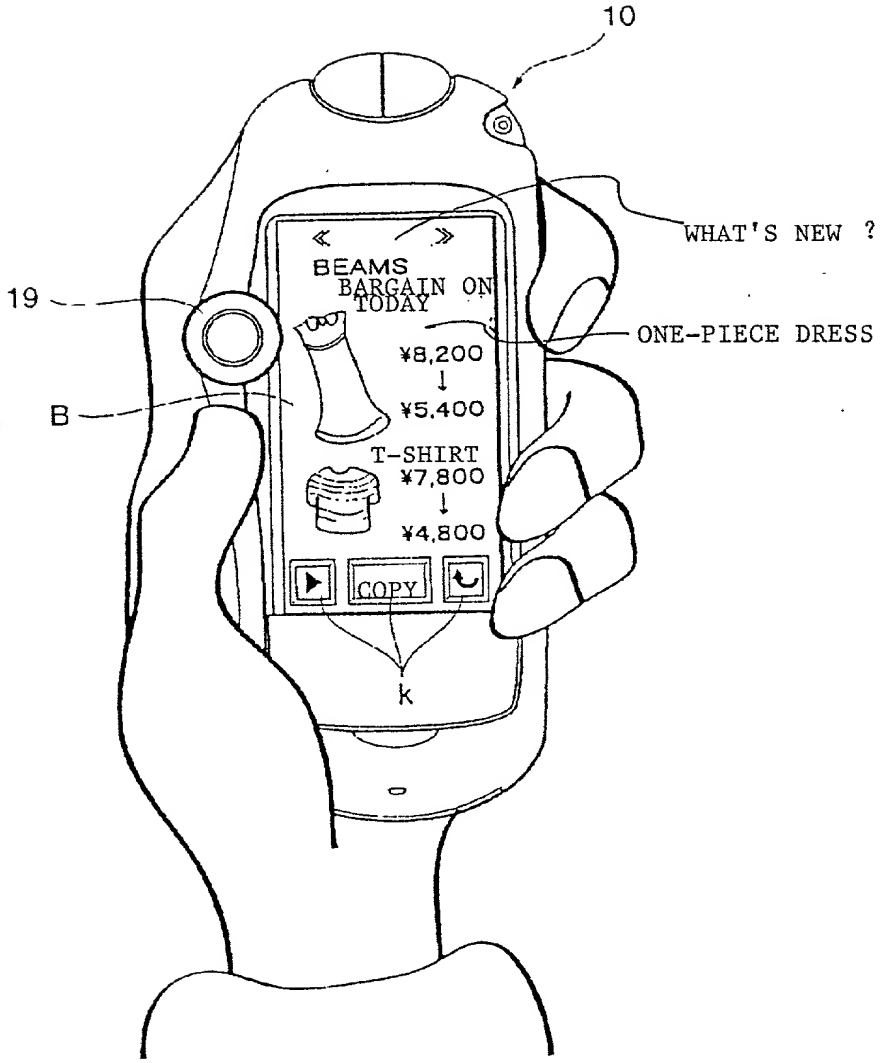

10
WHAT'S NEW ?
19
BEAMS
BARGAIN ON
TODAY
ONE-PIECE DRESS
¥8,200
↓
¥5,400
B
T-SHIRT
¥7,800
↓
¥4,800
COPY
k

FIG. 13

EP1 096 454 A2

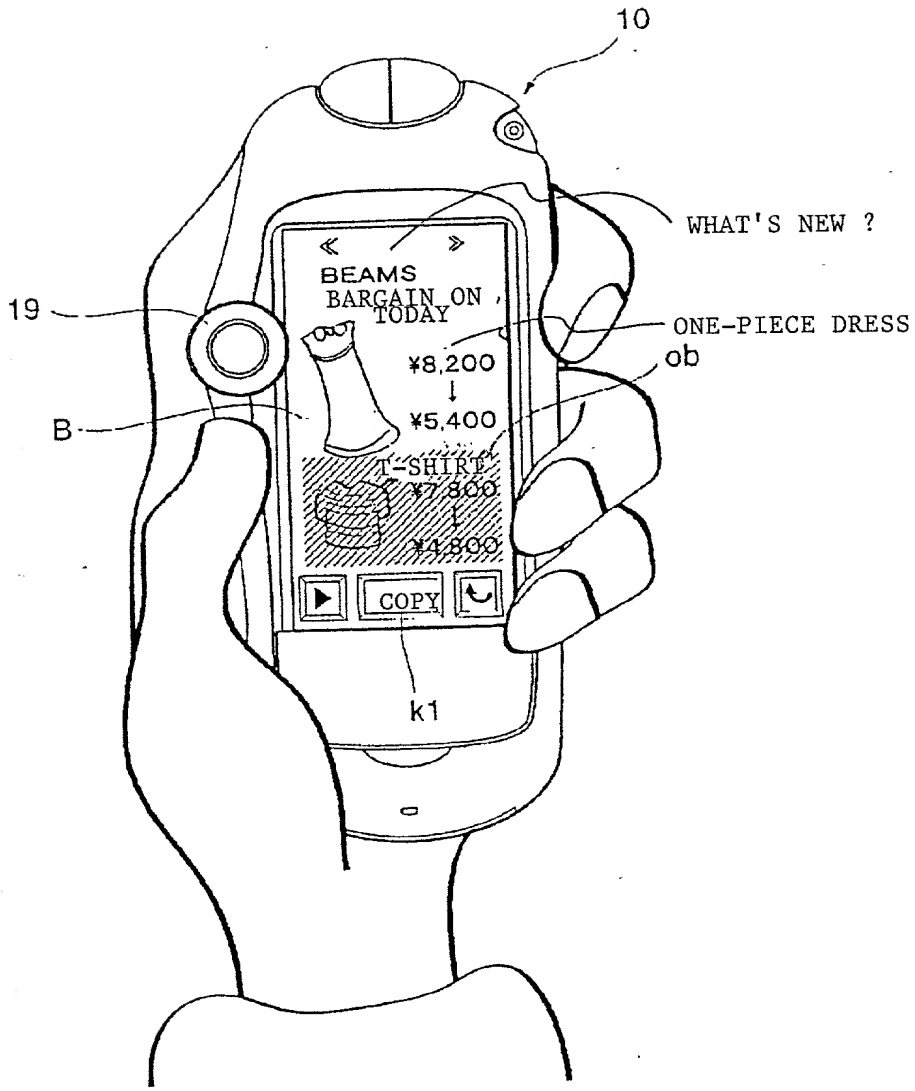


FIG. 14

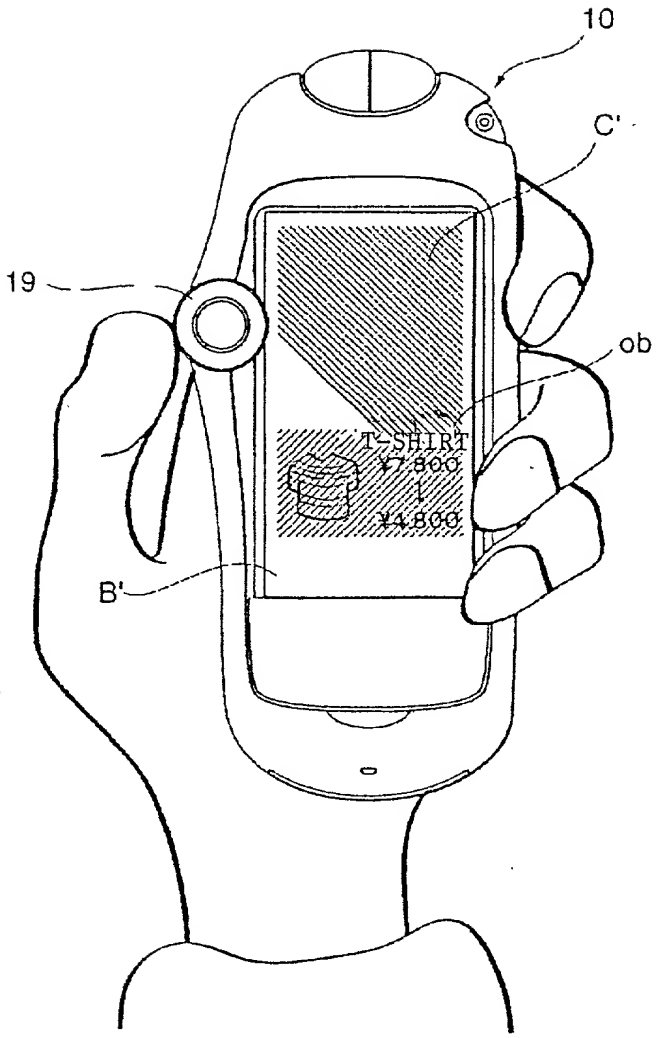


FIG. 15

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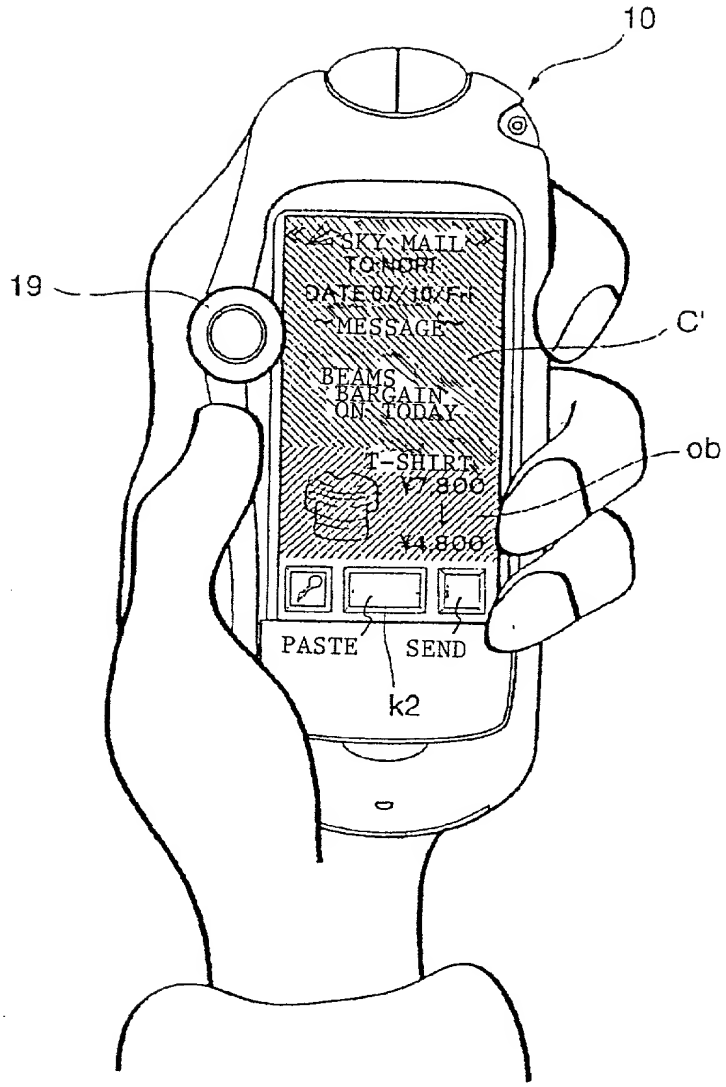

FIG. 16

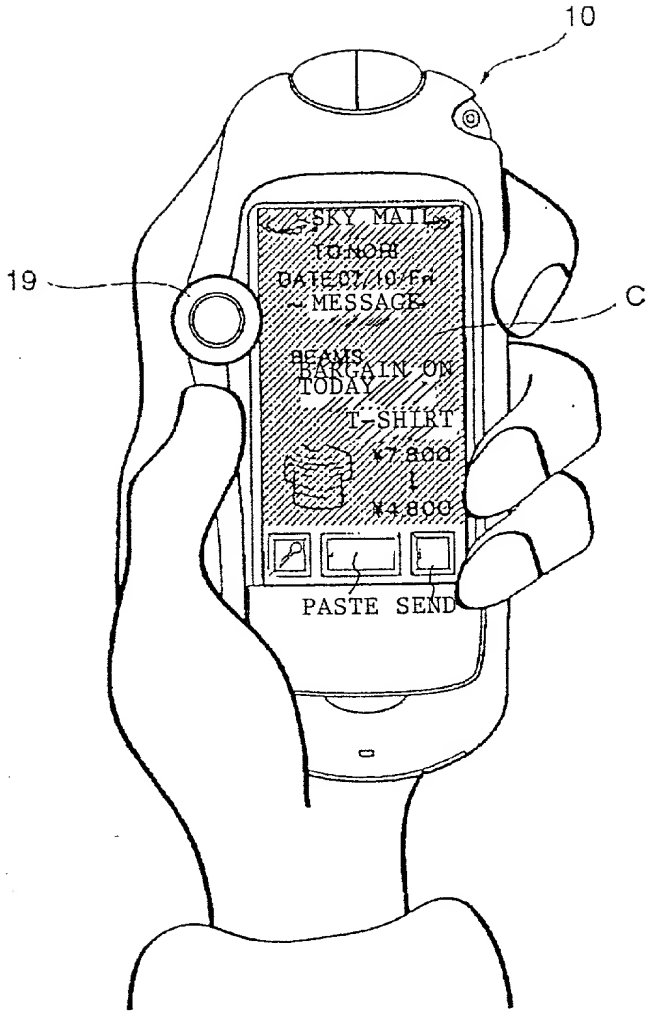
10
19
C
SKY MAIL
TO:NOB
DATE:07/10/Fri
MESSAGE
BEAMS
BARGAIN ON
TODAY
T-SHIRT
¥7,800
¥4,800
PASTE
SEND

FIG. 17